

## Environmental & Natural Resources Career Development Event

New Jersey FFA Association  
New Jersey Department of Agriculture  
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*In Cooperation with the New Jersey Department of Education*

### Purpose of Event

Skills in addressing environmental and natural resource issues are essential in careers related to environmental and natural resources. FFA activities are an integral part of the instructional program in Agriculture, Food, and Natural Resources Education. Through the Environmental & Natural Resources event, students will have the opportunity to test their knowledge on national and global issues, problem-solving, soils testing, and global positioning system (GPS) use.

### Common Core & State Core Curriculum Content Standards (CCCS)

Through Agriculture, Food, and Natural Resources Education, FFA is helping students meet the 2010 Common Core Standards and State Core Curriculum Content Standards in various areas. The Environmental & Natural Resources Career Development Event teaches students about English Language Arts, Science, and 21<sup>st</sup>-Century Life and Careers. Some examples of how the Environmental & Natural Resources Career Development Event is meeting these standards are:

**All students will understand that Earth operates as a set of complex, dynamic, and interconnected systems, and is a part of the all-encompassing system of the universe.**

- FFA members discover the importance of the environment by understanding ecology and the importance of natural resources and also develop an understanding of the structure, dynamics, and geophysical systems of the earth by working with soil, GPS, and water issues. [5.4– Science: Earth Systems Science]

**Students will: produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.**

- Through agricultural education, students learn written communication skills. [W.11-12.4. – English Language Arts: Writing]

**All students who complete a career and technical education program will acquire academic and technical skills for careers in emerging and established professions that lead to technical skill proficiency, credentials, certificates, licenses, and/or degrees.**

- Through the Environmental and Natural Resources CDE, students learn and apply skills necessary for successful careers in the industry. [9.4 – 21<sup>st</sup> Century Life and Careers: Careers and Technical Education – (A.) Agriculture, Food and Natural Resources Career Cluster – (5.) Natural Resources Systems]

### Rules of Event

All Career Development Events will follow the general rules, which are published in the NJ State FFA Activity Guide (Form 7.000). This event will consist of four (4) phases: Phase I - Written Exam; Phase II - Identification; Phase III - Writing Exercise; Phase IV – Rotational Practicums. This event requires a team of four (4) members in order to compete. All four (4) scores are used in determining the team's rank. For more details on this event, [click here](#) to consult the [National FFA Career Development Event Handbook](#).

### Scoring for the New Jersey Event

*(other scoring will occur on the national level)*

Phase I – Written Exam – 100 points

Phase II - Identification – 100 points

Phase III – Writing Exercise – 100 points

Phase IV – Rotational Practicums (2) – 200 points (100 points each)

Team Total – 2000 points Individual Total – 500 points

[Click here to discover the Career Opportunities, SAE Opportunities and Proficiency Award Areas that correspond to the Environmental & Natural Resources Career Development Event!](#)

### Event Rotation for the New Jersey Environmental/Natural Resources CDE Practicum Areas (other areas are required for National Competition)

2012	2013	2014	2015	2016
<ul style="list-style-type: none"><li>• Water Analysis</li><li>• GPS Locations</li><li>• Environmental Analysis</li><li>• Soil Profile</li></ul>	<ul style="list-style-type: none"><li>• Soil Analysis</li><li>• GPS Locations</li><li>• Waste Management</li><li>• Soil Profile</li></ul>	<ul style="list-style-type: none"><li>• Water Analysis</li><li>• GPS Locations</li><li>• Environmental Analysis</li><li>• Soil Profile</li></ul>	<ul style="list-style-type: none"><li>• Soil Analysis</li><li>• GPS Locations</li><li>• Waste Management</li><li>• Soil Profile</li></ul>	<ul style="list-style-type: none"><li>• Water Analysis</li><li>• GPS Locations</li><li>• Environmental Analysis</li><li>• Soil Profile</li></ul>